

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re continuation application of:

In Hwan Choi, et al.

Serial No: Unassigned

Filed: Unassigned

For: VSB RECEPTION SYSTEM WITH ENHANCED SIGNAL
DETECTION FOR PROCESSING SUPPLEMENTAL
DATA

Parent Serial No: 09/933,206

Parent Filed: August 20, 2001

Anticipated Classification
of this Application:☐ Class ☐ Subclass

Prior Application

Examiner: Sherrie Y. Hsia

Art Unit: 2614

22278 U.S. PTO
10/791460CERTIFICATE OF MAILING VIA U.S. EXPRESS MAIL

"Express Mail" Mailing Label No. ER731428561US

Date of Deposit: March 1, 2004

Mail Stop PATENT APPLICATION

Commissioner for Patents

P. O. Box 1450

Alexandria, VA 22313-1450

Dear Sir:

I hereby certify that

- ☒ A copy of a letter of transmittal of continuation application
- ☒ Check in amount of \$ 770 as filing fee
- ☒ Patent application (34 page(s) of specification; 1 claim(s); 1 page(s) of abstract
- ☒ Original declaration filed with the parent application
- ☒ 8 sheet(s) of ☐ informal ☒ formal drawings
- ☒ Original power of attorney by assignee and original assignment
- ☐ check in amount of \$ as assignment fee
- ☒ Preliminary Amendment
- ☒ Transmittal of preliminary amendment
- ☒ Check in amount of \$ 198 as additional claim fee
- ☒ Return postcard

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service with sufficient postage under 37 C.F.R. § 1.10 on the date indicated above and are addressed to:

Mail Stop PATENT APPLICATION

Commissioner for Patents

P. O. Box 1450

Alexandria, VA 22313-1450

Date: March 1, 2004

Amit Sheth

Name of person mailing papers

Customer # 035884

Lee, Hong, Degerman, Kang & Schmadeka

801 S. Figueroa Street, 14th Floor

Los Angeles, CA 90017

Tel: (213) 623-2221

Fax: (213) 623-2211

Signature



21861 U.S. PTO

Customer No. 035884
EXPRESS MAIL NO. ER731428561US

PATENT DOCKET NO. 2080-3021C2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Examiner: Sherrie Y. Hsia

Art Unit: 2614

CONTINUATION APPLICATION TRANSMITTAL

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

This is a request for filing a continuation application pursuant to 35 U.S.C. § 120 and 37 C.F.R. § 1.53(b), of pending prior application:

Serial No. 09/933,206 filed August 20, 2001, by In Hwan Choi, Young Mo Gu, Kyung Won Kang, and Kook Yeon Kwak (inventor(s) currently of record in prior application) for VSB Reception System With Enhanced Signal Detection For Processing Supplemental Data.

1. ☒ Enclosed is a copy of the prior application, including the oath or declaration as originally filed, or a replacement specification which does not add new matter.
2. ☒ The filing fee is calculated below:

CALCULATION OF FEES								
ITEM		TOTAL NO. OF CLAIMS		NO. OF CLAIMS OVER BASE	LG/SM \$ ENTITY FEE		\$ AMOUNT	\$ FEE
A	TOTAL CLAIMS FEE	1	-20	0	LG=\$18 SM=\$9	\$ 18	\$ 0	
B	INDEPENDENT CLAIMS FEE*	1	-3	0	LG=\$86 SM=\$43	\$ 86	\$ 0	
C	SUBTOTAL - ADDITIONAL CLAIMS FEE (ADD FINAL COLUMN IN LINES A + B)							\$ 0
D	MULTIPLE-DEPENDENT CLAIMS FEE					LARGE ENTITY FEE = \$290 SMALL ENTITY FEE = \$145		\$ 0
E	BASIC FEE					LARGE ENTITY FEE = \$770 SMALL ENTITY FEE = \$385		\$ 770
F	TOTAL FILING FEE (ADD TOTALS FOR LINES C, D, AND E)							\$ 770
G	ASSIGNMENT RECORDING FEE						\$ 40	\$ 0
	*LIST INDEPENDENT CLAIMS [LIST OF INDEPENDENT CLAIMS]							

3. ☒ The Commissioner is hereby authorized to charge any fees which may be required, or credit any overpayment to Account No. 502290.
4. ☒ A check in the amount of \$ 770 is enclosed.
5. ☒ Cancel in this application original claim(s) 2-24 of the prior application before calculating the filing fee. (At least one original independent claim must be retained for filing purposes.)
6. ☒ Amend the specification by inserting before the first line the sentence:


--This is a continuation of application Serial No. 09/933,206 filed August 20, 2001, which application is hereby incorporated by reference in its entirety.--
- 7a. ☒ New formal drawings are enclosed.
- 7b. ☒ Priority of application Serial Nos.:

Korean Application Serial No. 2001-03304 filed January 19, 2001, is claimed under 35 U.S.C. § 119.
- 7c. ☒ The certified copy of the priority application has been filed in prior application Serial No. 09/933,206, filed August 20, 2001.
8. ☒ The prior application is assigned of record to: LG Electronics Inc.
9. ☒ The power of attorney in the prior application is as listed on the attached copy of the declaration filed in the patent application.
- a. ☒ The power appears in the original papers in the prior application.
- b. ☐ Since the power does not appear in the original papers, a copy of the power in the prior application is enclosed.
- c. ☐ Power of Attorney by Assignee is enclosed.
- d. ☒ Address all future communications to:

Jonathan Y. Kang
Lee, Hong, Degerman, Kang & Schmadeka
801 S. Figueroa Street, 14th Floor
Los Angeles, CA 90017
Tel: (213) 623-2221
Fax:(213) 623-2211
- 10a. ☒ A preliminary amendment is enclosed. (Claims added by this amendment have been properly numbered consecutively beginning with the number next following the highest numbered original claim in the prior application.)
- 10b. ☒ A separate check for \$ 198 is enclosed to cover additional claims added by the preliminary amendment.
11. ☐ Inventor(s) or Assignee(s) is entitled to small entity status under 37 C.F.R. §§ 1.9 & 1.27.
12. ☐ Information Disclosure Statement is enclosed.

Respectfully submitted,
Lee, Hong, Degerman, Kang & Schmadeka

Date: March 1, 2004

By: 
Amit Sheth
Registration No. 50,176
Attorney for Applicant(s)

Customer # 035884

Lee, Hong, Degerman, Kang & Schmadeka
801 S. Figueroa Street, 14th Floor
Los Angeles, CA 90017
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In Hwan Choi, et al.

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SIGNAL DETECTION FOR PROCESSING
SUPPLEMENTAL DATA

Parent Serial No: 09/933,206

Parent Filed: August 20, 2001

Prior Art Unit: 2614

Prior Examiner: Sherrie Y. Hsia

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Sir:

Transmitted herewith is a PRELIMINARY AMENDMENT in the above-identified application.

- ☐ Small entity status of this application under 37 CFR 1.9 and 1.27 has been established by a verified statement previously submitted.
- ☐ A petition for extension of time for ___ month(s) is enclosed.
- ☐ An information disclosure statement in accordance with 37 CFR 1.56 and 1.97 is enclosed.
- ☒ No additional fee is required.

The fee has been calculated as shown below:

	(Col. 1) CLAIMS REMAINING AFTER AMENDMENT		(Col. 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Col. 3) PRESENT EXTRA	LG/SM \$ ENTITY FEE		ADD'L FEE DUE
TOTAL CLAIMS FEE	31	-	20	11	LG=\$18 SM=\$9	\$18	\$ 198
INDEPENDENT CLAIMS FEE	2	-	3	0	LG=\$86 SM=\$43	\$86	\$ 0
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIMS					LARGE ENTITY FEE = \$290 SMALL ENTITY FEE = \$145		\$ 0
TOTAL							\$ 0

- ☒ A check in the amount of \$ 198 to cover the filing fee is enclosed.
- ☐ A check in the amount of \$ _____ to cover the extension fee is enclosed.
- ☐ A check in the amount of \$ _____ to cover the information disclosure statement fee is enclosed.
- ☐ A check in the amount of \$ _____ to cover the petition fee is enclosed.
- ☒ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. **502290**.
- ☒ Any filing fees under 37 CFR 1.16 for the presentation of extra claims.
- ☒ Any patent application processing fees under 37 CFR 1.17.

Respectfully submitted,
Lee, Hong, Degerman, Kang & SchmadekaDate: March 1, 2004By: 

Amit Sheth

Customer #035884

Registration No. 50,176

Attorney for Applicant(s)

Lee, Hong, Degerman, Kang & Schmadeka
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